

IN THE CLAIMS

1. (currently amended) A transmission device, comprising:

a receiving unit operable to receive a digital ~~broadcast~~ signal distributed from a prescribed distribution device;

a first generating unit operable to set identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

a second generating unit operable to compose a predetermined number of digital ~~broadcast~~ signals on the basis of the composite information to generate redistribution digital ~~broadcast~~ signals containing the composite information; and

a transmitter operable to transmit the redistribution digital ~~broadcast~~ signals to the reception device,

wherein the redistribution digital signals are formed on the basis of the received digital signal and such formation includes substituting a descriptor of the system transmitting the redistribution digital signals for a descriptor of the distribution device such that the redistribution digital signals include the descriptor of the system transmitting the redistribution digital signals.

2. (currently amended) The transmission device as claimed in claim 1, wherein the reception control information is set to control the reception operation for every digital ~~broadcast~~ signal for redistribution in the reception device.

3. (currently amended) The transmission device as claimed in claim 1, wherein the first generating unit generates the composite information every time a digital broadcast-signal for redistribution is received by the reception device or so that the composite information is achieved by the reception device when the composite information is renewed.

4. (original) The transmission device as claimed in claim 3, wherein the renewal of the composite information is recognized on the basis of version information of the composite information.

5. (currently amended) A transmission method, comprising:

receiving a digital broadcast-signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital broadcast-signals on the basis of the composite information to generate redistribution digital broadcast-signals containing the composite information; and

transmitting the redistribution digital broadcast signals to the reception device,

wherein the redistribution digital signals are formed on the basis of the received digital signal and such formation includes substituting a descriptor of the system transmitting the redistribution digital signals for a descriptor of the distribution device such that the redistribution digital signals

include the descriptor of the system transmitting the redistribution digital signals.

6. (currently amended) A recording medium having a computer-readable program recorded thereon, the program comprising:

receiving a digital ~~broadcast~~ signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital ~~broadcast~~ signals on the basis of the composite information to generate redistribution digital ~~broadcast~~ signals containing the composite information; and

transmitting the redistribution digital ~~broadcast~~ signals to the reception device,

wherein the redistribution digital signals are formed on the basis of the received digital signal and such formation includes substituting a descriptor of the system transmitting the redistribution digital signals for a descriptor of the distribution device such that the redistribution digital signals include the descriptor of the system transmitting the redistribution digital signals.

7. (currently amended) A system for performing a transmission process, comprising:

a processor for executing instructions; and  
instructions, the instructions including:

receiving a digital ~~broadcast~~ signal distributed from a prescribed distribution device;

setting identification information corresponding to a reception device and reception control information for controlling the reception operation of the reception device in an area secured in advance in a format of composite information, thereby generating composite information;

composing a predetermined number of digital ~~broadcast~~ signals on the basis of the composite information to generate redistribution digital ~~broadcast~~ signals containing the composite information; and

transmitting the redistribution digital ~~broadcast~~ signals to the reception device,

wherein the redistribution digital signals are formed on the basis of the received digital signal and such formation includes substituting a descriptor of the system transmitting the redistribution digital signals for a descriptor of the distribution device such that the redistribution digital signals include the descriptor of the system transmitting the redistribution digital signals.

8. (currently amended) A reception device, comprising:

a storage unit operable to store identification information corresponding to the reception device;

a receiver operable to receive a redistribution digital ~~broadcast~~ signal containing composite information transmitted from a transmission device;

an achieving unit operable to achieve reception control information corresponding to the identification information stored in the storage unit from an area secured in advance in a format of the composite information;

an extracting unit operable to extract a desired digital ~~broadcast~~ signal from the redistribution digital ~~broadcast~~ signal by using the composite information; and

a processor operable to process the desired digital ~~broadcast~~ signal on the basis of the reception control information,

wherein the redistribution digital signal is formed on the basis of a digital signal received from a distribution device and such formation includes substituting a descriptor of the system that transmits the redistribution digital signal for a descriptor of the distribution device such that the redistribution digital signal includes the descriptor of the system that transmits the redistribution digital signal.

9. (currently amended) The reception device as claimed in claim 8, wherein the achieving unit achieves the reception control information every time the redistribution digital ~~broadcast~~ signal is received by the receiver or when the composite information is renewed.

10. (original) The reception device as claimed in claim 9, wherein the renewal of the composite information is recognized from version information of the composite information.

11. (currently amended) The reception device as claimed in claim 8, wherein the achieving unit achieves the reception control information separately from the reception of the redistribution digital ~~broadcast~~ signal in the receiver.

12. (currently amended) A reception method, comprising:  
storing identification information corresponding to a reception device;

receiving a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

achieving reception control information corresponding to the stored identification information from an area secured in advance in a format of the composite information;

extracting a desired digital broadcast signal from the redistribution digital broadcast signal by using the composite information; and

processing the desired digital broadcast signal on the basis of the reception control information,

wherein the redistribution digital signal is formed on the basis of a digital signal received from a distribution device and such formation includes substituting a descriptor of the system that transmits the redistribution digital signal for a descriptor of the distribution device such that the redistribution digital signal includes the descriptor of the system that transmits the redistribution digital signal.

13. (currently amended) A recording medium having a computer-readable program recorded thereon, the program comprising:

storing identification information corresponding to a reception device;

receiving a redistribution digital broadcast signal containing composite information transmitted from a transmission device;

achieving reception control information corresponding to the stored identification information from an area secured in advance in a format of the composite information;

extracting a desired digital ~~broadcast~~ signal from the redistribution digital ~~broadcast~~ signal by using the composite information; and

processing the desired digital ~~broadcast~~ signal on the basis of the reception control information,

wherein the redistribution digital signal is formed on the basis of a digital signal received from a distribution device and such formation includes substituting a descriptor of the system that transmits the redistribution digital signal for a descriptor of the distribution device such that the redistribution digital signal includes the descriptor of the system that transmits the redistribution digital signal.

14. (currently amended) A system for performing a reception process, comprising:

a processor for executing instructions; and

instructions, the instructions including:

storing identification information corresponding to a reception device;

receiving a redistribution digital ~~broadcast~~ signal containing composite information transmitted from a transmission device;

achieving reception control information corresponding to the stored identification information from an area secured in advance in a format of the composite information;

extracting a desired digital ~~broadcast~~ signal from the redistribution digital ~~broadcast~~ signal by using the composite information; and

processing the desired digital ~~broadcast~~ signal on the basis of the reception control information,

wherein the redistribution digital signal is formed on the basis of a digital signal received from a distribution

device and such formation includes substituting a descriptor of the system that transmits the redistribution digital signal for a descriptor of the distribution device such that the redistribution digital signal includes the descriptor of the system that transmits the redistribution digital signal.